



IN THE CLAIMS:

Please amend claims 1-21, 23-28, and 30 as follows.

1. (Currently Amended) A method, comprising: for
~~determining an address of a network node for a certificate issuance and delivery~~
~~procedure, said~~
~~network node serving a certificate authority in a visited network where the~~
~~subscriber currently locates in a mobile communication system, the method comprising:~~
maintaining in ~~the~~ a mobile communication system subscriber's location
information;
receiving a message from subscriber's user equipment, said message indicating
that an address of a network node for certificate issuance and delivery procedure in a
visited network is requested by the subscriber's user equipment; and
determining, in response to receiving a ~~the~~ message from subscriber's user
~~equipment, said message indicating that the address of the network node in the visited~~
~~network is requested,~~ on the basis of the subscriber's location information, the address of
the network node.

2. (Currently Amended) The method of claim 1, ~~wherein~~ further comprising:
receiving in the message from subscriber's user equipment further indicates the
~~address of the network node, and the method further comprises;~~

checking whether or not the address which the message indicated corresponds to the address determined on the basis of the location information; and

if they do not correspond to each other, using the address determined on the basis of the location information.

3. (Currently Amended) The method of claim 1, ~~wherein further comprising: receiving further in the message includes subscriber's location information, and the method further comprises:~~

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

using the maintained location information if it does not correspond to the location information in the message.

4. (Currently Amended) A method, comprising:
~~for determining an address of a network node for a certificate issuance and delivery procedure, said network node serving a certificate authority in a mobile communication system, the network node being in a location network of a subscriber, said location network being a visited network of the subscriber, the method comprising:~~

receiving in the a mobile communication system a message from subscriber's user equipment, the message indicating subscriber's location information in a visited network of the subscriber; and

determining, in response to the message, on the basis of the subscriber's location information, ~~the~~ an address of ~~the~~ a network node in the visited network, wherein the address of the network node is determined for certificate issuance and delivery procedure in the visited network.

5. (Currently Amended) The method of claim 4, ~~wherein~~ further comprising:
receiving in the message from subscriber's user equipment further contains ~~a~~
global cell identifier which indicates the subscriber's location information.

6. (Currently Amended) A method, comprising:
~~for transmitting, to subscriber's user equipment, information required for a~~
~~certificate issuance service in another network than a home network in a mobile~~
~~communication system, the method comprising:~~
authenticating the subscriber; and
transmitting during the subscriber authentication to the user equipment at least part
of the information required for obtaining ~~the~~ a certificate from a certificate issuance
service in the other ~~another~~ network than a home network in a mobile communication
system during ~~after~~ the subscriber authentication.

7. (Currently Amended) The method of claim 6, ~~wherein~~ further comprising:
performing the authentication is as an application level authentication.

8. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
~~utilizing the user equipment utilizes~~ said part of the information during a
certificate issuance procedure after the authentication in a visited network by the user
equipment.

9. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
transmitting in said part of the information ~~is as~~ location network specific
information.

10. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
transmitting in said part of the information ~~comprises~~ at least an address of a
network node via which the service is provided.

11. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
transmitting in said part of the information ~~comprises~~ at least a public key required
for the certificate issuance service.

12. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
transmitting in said part of the information ~~comprises~~ at least an indication of the
protocol required for the certificate issuance service.

13. (Currently Amended) The method of claim 6, ~~wherein further comprising:~~
~~the service is certificate issuance service and~~
~~transmitting in said part of the information comprises at least an address of a~~
network node via which the certificate issuance service is provided to the user equipment;
~~and the method further comprising~~
transmitting from the user equipment a certificate request to the network node.

14. (Currently Amended) A method, comprising:
~~for transmitting, to subscriber's user equipment, information required for a~~
~~certificate issuance service in another network than a home network in a mobile~~
~~communication system, the method comprising:~~
authenticating the a subscriber;
receiving, from subscriber's user equipment, a message relating to ~~the~~ a certificate
issuance service in another network than a home network in a mobile communication
system; and
transmitting, in response to the message, to the user equipment in a reply message
at least part of the information required for obtaining ~~the~~ a certificate from the certificate
issuance service in the other network in response to the received message.

15. (Currently Amended) The method of claim 14, ~~wherein~~ further comprising:

transmitting the message and the reply message ~~are transmitted~~ in an integrity protected channel.

16. (Currently Amended) The method of claim 15, ~~wherein~~ further comprising:

~~the message is transmitted from the user equipment~~
requesting, ~~the message is requesting~~ an address of a network node via which the certificate issuance service is provided in the message; and
transmitting in said part of the information ~~comprises~~ at least the requested address.

17. (Currently Amended) The method of claim 16, further comprising:
transmitting from the user equipment a certificate request to the network node.

18. (Currently Amended) The method of claim 14, ~~wherein~~ further comprising:

transmitting in said part of the information ~~comprises~~ at least a public key required for the certificate issuance service.

19. (Currently Amended) The method of claim 15, ~~wherein—further~~
comprising:

transmitting in said part of the information ~~comprises—at least an indication of the~~
protocol required for the certificate issuance service.

20. (Currently Amended) The method of claim 11, ~~wherein—further~~
comprising:

configuring the message to ~~relates—relate~~ to a certificate issuance service.

21. (Currently Amended) A mobile communication system, comprising:
at least user equipment;
a home network for the user equipment; and
a visited network comprising at least a network node for a certificate issuance and
delivery procedure, said network node serving a certificate authority, ~~the system being~~
~~configured to determine~~wherein an address of the network node is determined on the
basis of location information of the user equipment in response to a sent message from
the user equipment, said message indicating than an address of a network node for
certificate issuance and delivery procedure in a visited network is requested by the user
equipment.

22. (Cancelled)

23. (Currently Amended) The system of claim 21 ~~comprising~~ further comprising:

a gateway network for certificate requests in a home network of the user equipment, the gateway network being configured to perform the network node address determination.

24. (Currently Amended) The method of claim 1, ~~wherein~~ further comprising:
configuring the message includes to comprise subscriber's location information;
~~and the method further comprises;~~

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

if it does not correspond to the location information in the message, sending an error indication by using the maintained location information.

25. (Currently Amended) The method of claim 1, ~~wherein~~ further comprising:
configuring the message includes to comprise subscriber's location information;
~~and the method further comprises;~~

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

using the location information in the message if it does not correspond to the maintained location information.

26. (Currently Amended) The method of claim 1, ~~wherein further comprising:~~
configuring the message includes to comprise subscriber's location information,
~~and the method further comprises;~~

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

if it does not correspond to the maintained location information, sending an error indication by using the location information in the message.

27. (Currently Amended) A method, comprising:
~~for transmitting to subscriber's user equipment information required for a~~
~~certificate issuance service in a mobile communication system, the method comprising:~~
authenticating the a subscriber; and
transmitting after the authentication via an authenticated channel to the
subscriber's user equipment at least part of the information required for a certificate of
issuance service in another network than a home network of the subscriber~~using an~~
~~authenticated channel~~, said at least part of the information containing information
required for obtaining the a certificate from the certificate issuance service~~in another~~
~~network than a home network of the subscriber.~~

28. (Currently Amended) A network node in a mobile communication system, wherein the network node is in a home network of a subscriber and is arranged configured to determine, in response to receiving a message indicating a request for a certificate issuance service from the subscriber, an address of another network node required for providing the certificate issuance service for the subscriber on the basis of subscriber's location information, said another network node being in another network than the home network.

29. (Previously Presented) The network node of claim 28, wherein the other network node is in a visited network.

30. (Currently Amended) User equipment in a mobile communication system, wherein the user equipment is ~~arranged~~ configured to receive at least part of information required for a certificate issuance service in a location network of the user equipment after the user equipment has been authenticated, said location network being a visited network and said at least part of the information containing information required for obtaining ~~the~~ a certificate from the certificate issuance service in the visited network.

31. (Previously Presented) The user equipment of claim 30, wherein the user equipment is arranged to receive said part of the information from a network node with which the user equipment was authenticated, the network node being in a home network.